

9772 Triad - Special Audio, Communication and Instrumentation Cable

For more Information
please call

1-800-Belden1



General Description:

22 AWG triads stranded (7x30) TC conductors, polypropylene insulation, cabled in triads, 22 AWG stranded TC drain wire, overall PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Triads	AWG	Stranding	Conductor Material
12	22	7x30	TC - Tinned Copper

Total Number of Conductors: 36

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PP - Polypropylene	0.2032

Inner Shield

Inner Shield Material:

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG
22

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Inner Shield Color Code Chart:

Number	Color
1	Black
2	Red
3	Green

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom Wall (mm)
PVC - Polyvinyl Chloride	0.508

Inner Jacket Color Code Chart:

Number	Color
1	White w/Black Stripe
2	White w/Red Stripe
3	White w/Green Stripe
4	White w/Brown Stripe
5	White w/Blue Stripe
6	White w/Orange Stripe
7	White w/Yellow Stripe
8	White w/Purple Stripe
9	White w/Gray Stripe
10	White and Black w/Black Stripe
11	White and Black w/Red Stripe

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12	White and Black w/Green Stripe
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Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.524

Overall Cable

Overall Nominal Diameter: 18.415 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 382.467 Kg/Km

Max. Recommended Pulling Tension: 1457.230 N

Min. Bend Radius/Minor Axis: 184.150 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

111.554

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

219.827

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

49.215

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/km)

39.7001

Max. Operating Voltage - Non-UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.3 Amps per conductor @ 25°C

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Notes (Overall)

Notes: Each triad shielded with 100% Beldfoil® shield and drain wire, encased in a .020" white PVC jacket with color coded stripes.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9772 060500	152 MT	61.689 KG	CHROME	C	12 #22 SHTRP PP PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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